

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

October 28, 2003

TO: Internal File

FROM: Stephen J. Demczak, Environmental Scientist III/Engineering, Team Lead

RE: Surface Facility Map, Savage Industries Inc., Savage Loadout, C/007/022, Task ID #1757

SUMMARY:

The permittee has submitted an amendment to update the surface facility map showing the proposed coal storage site. The coal storage site will be located west of sediment pond #6. The coal storage site is within the disturbed area and will not have a change on the bond.

TECHNICAL ANALYSIS:

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

General

There will be no effect on the hydrology since it is within the disturbed area.

Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

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SUPPORT FACILITIES AND UTILITY INSTALLATIONS

Regulatory Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

Analysis:

The permittee has submitted an updated surface facility map to show an additional location of coal storage.

Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Mining Facilities Maps

The permittee has submitted an updated surface map giving the location of the new coal storage area.

Certification Requirements

The surface facility map is on Plate3-2 and is P.E. certified.

Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

RECLAMATION PLAN

GENERAL REQUIREMENTS

Regulatory Reference: PL 95-87 Sec. 515 and 516; 30 CFR Sec. 784.13, 784.14, 784.15, 784.16, 784.17, 784.18, 784.19, 784.20, 784.21, 784.22, 784.23, 784.24, 784.25, 784.26; R645-301-231, -301-233, -301-322, -301-323, -301-331, -301-333, -301-341, -301-342, -301-411, -301-412, -301-422, -301-512, -301-513, -301-521, -301-522, -301-525, -301-526, -301-527, -301-528, -301-529, -301-531, -301-533, -301-534, -301-536, -301-537, -301-542, -301-623, -301-624, -301-625, -301-626, -301-631, -301-632, -301-731, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-732, -301-733, -301-746, -301-764, -301-830.

Analysis:

A new coal storage site within the disturbed area with minimal grading will not affect the reclamation to the Savage Loadout.

Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

APPROXIMATE ORIGINAL CONTOUR RESTORATION

Regulatory Reference: 30 CFR Sec. 784.15, 785.16, 817.102, 817.107, 817.133; R645-301-234, -301-412, -301-413, -301-512, -301-531, -301-533, -301-553, -301-536, -301-542, -301-731, -301-732, -301-733, -301-764.

Analysis:

There will be no change to the approximate original contour.

Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

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Analysis:

General

There will be no changes to the bond.

Findings:

The permittee has met the minimum requirements of this section of the R645 Coal Rules.

RECOMMENDATIONS:

The permittee has met the minimum requirements of the R645 Coal Rules. This amendment is recommended for approval.